

Doctor Reveals Problems Of Manned Space Flight



Dr. Gaume

Stretching the concert-lecture series into the realms of space, James G. Gaume, M.D., space technologist, will present a lecture at Clarke on space medicine. The talk is scheduled for Tuesday, Feb. 28, at 8 p.m., in Terence Donaghoe hall.

An expert in the field of space medicine Dr. Gaume is chief of space technology at the Martin Company, Denver, Colorado. Dr. Gaume is responsible for the overall development and direction of the Space Biotechnical Research Program. This program includes research in physiology, psychology, human engineering, microbiology, hydroponic food production, and bioengineering design.

The lecturer also established laboratory facilities for research in all areas applicable to manned space flight, including orbital flight, lunar operations, and interplanetary operations.

Dr. Gaume formerly was engaged in active scientific research at the School of Aviation Medicine, Randolph Air Force base in Texas. He participated in zero gravity investigation in jet aircraft and was one of the first experimenters in the one-man space cabin simulator.

Dr. Gaume has written several articles for space science and medical journals. In May, 1960, he presented his life support systems for moon travel to the American Rocket Society.

Dramatists Plan Touring Company Of Children's Play

The cast members of the annual Children's Play, "The Dancing Princesses," are preparing for their debut as the first touring company of the Clarke College drama department.

Performances at Clarke will be given in Terence Donaghoe hall Saturday, March 4, at 10 a.m. and 2 p.m. and on Sunday, March 5, at 2 and 7 p.m.

The Children's Theatre of Coe College, sponsored by the Junior League of Cedar Rapids, will host "The Dancing Princesses" in performances given Friday, March 17, at 4:30 and 7:30 p.m., and Saturday, March 18, at 10 a.m., 1 and 3:30 p.m.

Adapted by Martha Bennett King from the Grimm brother's fairy tale, the play is the choice of three Clarke drama majors for their senior project. Elaine Dammann is director of the Children's Play, set designer and business manager is Pat Kessler and Marilyn Kogut is costume designer.

Choreographer of "The Dancing Princesses" is Mary Lou Senicka. Faculty supervisor is Sister Mary Xavier, chairman of the drama department.



Dancing Princesses need costumes, so Pat Kessler, Elaine Dammann and Marilyn Kogut, all senior drama majors, work at solving the problem.

Clarke Will Host Area NF Rally

Pluralism, 1961 theme of the National Federation of Catholic College Students, will be the subject of the keynote address delivered by Dr. Paul Mundy, professor of sociology, Loyola university in Chicago, at the NF regional Winter Workshop, Sat., Feb. 25.

Clarke will host visitors from Loras, Marycrest, St. Ambrose, Mercy, Mt. St. Clare and Ottumwa Heights in an all-day session.

Following Dr. Mundy's keynote address, regional commission groups will center their discussions on his talk. Cura and Travel commissions will conduct business meetings.

In the afternoon session, Dr. Laurence Moran, Loras philosophy professor, will speak to the Science commission on "Science and Sin: Moral Limitations on the Search for Knowledge." Mary Lou Veys, regional chairman from Clarke, will preside.

The United Nations as a peace organization will be analyzed by an International Relations commission panel. The five speakers will represent Clarke, Loras, Marycrest, St. Ambrose and Ottumwa Heights.

Patricia Ramer and a member of the Literary commission from St. Ambrose will chair a group discussing the sale, effect and future prevention of obscene literature in both the U.S. mails and on

the news stands, and the place of good literature in the home. Sophomores Marcia Haubold and Nancy Dugan will speak on the panel.

Literary and Family Life Commissions will combine for this meeting.

A Maryknoll missionary from Chicago will conduct the workshop of the Confraternity of Christian Doctrine, Catholic Action, Mariology and Liturgy commissions, assisted by Mike McGill, Regional Lay Mission coordinator. Roberta Becklenberg of Clarke will demonstrate the use of drama and art in teaching catechism.

Clarke students are urged to attend the Workshop sessions.

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Clarke College, Dubuque, Iowa

February 23, 1961

Well-Known Pianist Presents Concert

Pianist Norman Shetler, a native Dubuquer, will perform at Clarke, Mon., March 6, at 8 p.m. in Terence Donaghoe hall auditorium.

An honor graduate of the Vienna Academy of music, 29-year old Mr. Shetler has given concerts, both solo and with orchestra, in Austria, Italy, Russia, Germany and Belgium. His concert year is divided between six months in Europe and six in America.



Mr. Shetler

Mr. Shetler made his New York debut at Carnegie Hall in 1959 and was acclaimed as a fluent technician, a pianist with sound ideas of style and interpretation.

He has won major awards, among them the coveted Prix de Positano in 1957 and 1958, and the Munich International Piano Contest in 1959.

On Tues., March 7, Mr. Shetler will conduct a clinic for piano students in the music department.

Guest Experiments Focus on Science

Clarke science students from freshman through senior years will focus on Science with representatives from 55 high schools on March 4.

Sister Mary Cecilia, BVM, Mundelein college, Chicago, will speak to high school teachers on "Wonderland of Protoplasm."

At the same time, one group of high school students will attend demonstrations conducted by science majors of biology, chemistry and physics. Another group of high schoolers will perform individual experiments in the Clarke laboratories, guided by Clarke student scientists.

The groups will be reversed in the afternoon. Guests have their choice of 12 biology, 13 chemistry or 4 physics projects.

Winnie Chan, senior biology major from Hong Kong, is general chairman for the day.

See Pictures, p. 3

Hawaiian Potter, Takaezu, Will Exhibit in Concourse



T. Takaezu

Toshiko Takaezu, Hawaiian potter of Japanese descent, will hold a two-week show in the Mary Josita concourse beginning March 12.

Educated at the University of Hawaii, the Honolulu School of Art and the Cranbrook Academy of Art, Miss Takaezu has participated in numerous exhibitions throughout the country. Among these are the Michigan Craftsmen Show, Smithsonian Invitational Exhibition, Cleveland Museum of Art, Honolulu Academy of Arts, Midwest Designers Craftsmen Show at the Chicago Institute of Art and the Brussels World's Fair.

At the Michigan Craftsmen Show Miss Takaezu merited several awards, including the Purchase Award, the Founder's Award and the Haas Ceramic Award. She won the Purchase Award at the Smithsonian Invitational Exhibition in 1957 and in 1960. Her other shows have merited honorable mentions, first and second awards and other purchase awards.

Miss Takaezu's work is shown in several collections. Among these are the Springfield Museum, Detroit Institute of Art, Cleveland Museum of Art and the University of Michigan Museum.

Annual 'Hernando's' Spotlights Talented

"Hernando's Hideaway", annual Clarke-Loras talent show is scheduled for March 4 at 8 p.m. in the Loras Fieldhouse.

Joan Higgins is the producer from Clarke. Along with Sheila Byrnes, Barbara Bilek, Jean Thornton, Mary Jane Sohan and Mary Lou Norton she will revive songs from the Roaring 20's.

Further representation from Clarke will include a skit by Carol Linskey and songs by Rosanne Berrie, Patricia Mann and Deborah Hegberg.

Mary Weimer will perform on the accordion and Shirley Maloney will appear in a baton-twirling number.

Senior Musicians Plan Presentation

Patti Pederson and Margie White will present their senior piano-organ recital Sun., Mar. 12, at 1:30 p.m. in Terence Donaghoe hall.

Patti will play piano selections including Bach's "Capriccio" from Opus 116, La Fille aux Cheveux de Lin by Debussy, "Toccata," Opus 119 by Jelobinsky. She will complete her performance with Grieg's "Piano Concerto in A Minor," Opus 16.

Margie will begin her performance with organ selections including Prelude in G Major by Bach, Concerto V by Handel, Partita for Organ on the Lourdes Hymn by Pedequin, and Dubois' A Filii et Filiae.

Her piano presentation of Brahms' Rhapsody in G Minor, Debussy's Reflections in the Water, and Rubenstein's Caprice will conclude her portion of the recital.

Sacrifices of American Youth Pave Way to Peaceful World

It has often been said that youth is the most fruitful time in life. Yet youth without purpose is useless.

For many college graduates, purpose takes the form of homemaking or a nine to five career. Many other students, however, are not ready for this type of conformity. Their quest is directed toward a different service for humanity.

More and more young people are becoming concerned about the world in which they live. Today certain areas of the earth are rampant with poverty, disease, illiteracy and hunger. These sections must be helped. Yet money alone is not the answer. The stricken regions must be taught to help themselves. What better way than using the resourcefulness of the youth of America?

This idea has been proposed by President Kennedy in his suggestion for a youth Peace Corps. The Peace Corps would entail the sending of technical help to foreign nations. The unique feature of the program, however, is that the corps would be staffed by young college graduates. Their prime qualifications would be a concern for the human race and an ability which they could pass on to others.

How do Clarke girls fit into the picture? The answer is evident: there is a place for them in the foreign service. After four years in a Catholic college, the idea of the human dignity of man is impressed strongly on the minds of students. This is an important factor in our cold-war struggle with the Communists. They disregard the theory of human dignity.

Graduates of Clarke are also equipped with enough of a mastery of science, the arts, home economics, or education to be of value in an underprivileged nation.

The practical point of the program is that America must act soon to plant the seeds of democracy in the retarded areas. Our Communist rivals already have similar programs in existence.

If the Peace Corps is accomplished, international understanding will be furthered. For the young people who involve themselves, a better understanding of self could be gained. However, the greatest benefits of the Peace Corps would be the development of a sense of purpose and achievement in the youth of America.



Nothing to do.

There's Nothing To Do?

Activities Spark Campus Life

The season of Lent provokes many attitudes—unfortunately some that are not in keeping with the Lenten ideal of sacrifice. One such attitude is the familiar "there's nothing to do."

On the contrary, with the curtailing of social events many campus activities come to light that are obscured at other times by week-end festivals, sports events and dances. Participation in current activities yields more than enough for anyone to do. In the weeks to come there are the children's play, recitals, lectures, art shows, workshop and club meetings to attend.

Furthermore, there is much to be done behind the scenes to bring about these events. For every play produced, crews must build sets, acquire properties and costumes and man lights. Each production requires publicity workers, ticket sellers and ushers. The campus publications need writers, reporters, artists and typists.

The Sodality and National Federation of Catholic College Students need supporters for the services they perform about the campus. Athletic tours, art shows and music recitals call for behind-the-scenes help. Every club meeting requires habilitation, rehabilitation, program committees or discussion leaders.

There is much activity throughout the campus, but it takes some SACRIFICE to be able to participate. It means the giving of time and effort so that a class or club project is successful, or the offering of services so that an art, music or drama project comes off smoothly. Or participation could be the expending of extra effort to contribute to a publication—volunteering instead of being appointed.

Activity makes Clarke hum all the time. Anyone can be a VIP by merely offering her services. It may be hard work or time-consuming, but the effort is worth the sacrifice.

In fact, the effort could be well expended all year round and not only during Lent.

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courier

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CSPA Award of Distinction
ACP First Honors

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Lenten Goal Points To Union With Christ In His Sacrifices

The beginning of the Lenten season finds most good Christians resolutely denying themselves something—desserts, movies, cigarettes, or some other luxury that has become a daily necessity.

The middle of Lent very often finds the same people munching on apple crisp and sitting through double features. The close of the penitential season has these well-intentioned souls sighing regretfully over their half-hearted sacrifices.

What is the matter with this kind of giving? Isn't it possible that the stronger motives for such mortifications are health, funds and appearance?

The goal of sacrifice, union of minds and wills with Christ's, must be a point for frequent meditation. In order to achieve this close union with Our Lord, we must chisel away the barrier of Self which stands as a stonewall between us and His Self.

The Baptist expresses this simply: "He must increase and I must decrease." The Lenten gifts must be ourselves, the givers, just as Christ gave us the greatest gift, Himself.

The realization of the giver's importance over the gift should not cause us to shy from our sacrifices. Instead, it should incite us to enrich our gifts with new meaning.

Indeed, the Lenten period offers many opportunities for bringing our lives into parallel with Christ's. Through fasting and abstinence, we join Him in the desert struggle.

Through contributions of clothing to the Bishops' Relief Fund, we become more like the man whose material possessions amounted to virtually nothing.

At Holy Hour we share the solitude of Him who was alone and rejected throughout His lifetime. While reciting the Stations of the Cross, we help to lift the burden from the shoulders of the One who bore our sins.

But the highest union with Christ we can obtain is the Mass, "through, with, and in Him" we best immolate ourselves. The Father looks upon the all-perfect Sacrifice, the "beloved Son" in Whom He "is well pleased." Insofar as we are incorporated into Christ, we share in this divine pleasure.

By living the Mass, we ascend Calvary with Christ. We truly follow His Lenten counsel: "If any man will come after me, let him deny himself, and take up his cross and follow Me."

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Busy Senior Researchers Delve Secrets of Studies

Papers and projects, programs and plays — there's more to graduation than meets the eye.

Courier research into senior doings discloses a variety of departmental projects and honor programs planned by industrious seniors and their department chairmen. Our snooping is necessarily incomplete at this time, but the following report exposes to the glare of publicity some of the more intellectual achievements and plans current on campus.

Art majors have exhibits, drama majors present plays and music majors give recitals. Some 18 of the above appear on this year's school calendar between October and May.

Sharon Scully, Spanish major, has an honors project in the making. She is studying operas derived from Spanish plays and the similarities between the two. Operas in which Sharon is interested include Verdi's *La Forza de Desino* and *Il Trovatore* and Strauss's *Don Giovanni*.

Milton and Donne are under speculation by English honors students Patricia Ramer and Patricia Mackey. Literary programs planned for May 7 and 14 will disclose the results of their research.

Experimental psychology class last semester was the stepping stone to original research being conducted now by senior psychology majors. Their studies include relation of personality types to physical characteristics and comparing of speed in trial-and-error learning and the development of early concepts.

Determinations of Instability Constants of the Indicator Calmagite is the awesome title of Judy Martens' chemistry research project. Calmagite is a new chemical, not yet on the market. It is used in the determination of the hardness of water where it indicates the percentage of undesirable ions that would cause scum when they precipitate with soap. Judy will present a paper in April relating her findings.

Economics majors completed their special research papers first semester, but Diane Hammes is working on an honors project that is a follow-up of her previous study. Her topic is the Life and Works of John Maynard Keynes, one of the most influential economists of this century. In the 25th anniversary year of its publication,

Keynes's *The General Theory of Employment, Interest, and Money* is the center of her study. Diane intends to show the impact of Keynes' idea on the American economy of the last 30 years.

Karen Hudon's biology project is original research on a topic growing out of this semester's genetics class.

Sociologists on campus examined a diversity of problems, including Adoptions, Medical Care for the Aged, Abbe Pierre and the Homeless of Paris, Integrated Housing, Religious Issues of the Recent Political Campaign, Pornography in the Mails, and the History and Development of the Iowa Board of Parole. Their senior papers are completed.

Mathematics majors have also completed their research which delved into the world of functions, sets and equations.

Last but not least, April 9 will find the history majors presenting the fruits of their individual and joint research on various phases of American and world history.

Are you impressed? Then you'll be glad to know that most of these same seniors testify, "It isn't half as bad as it sounds."

Clarke scientists

Margene Thornton, Waterloo, and Miriam Lang, Dubuque, assist guest biologists, while Clara Whang, Taiwan, supervises a high school chemist at the Focus on Science.

Marriage Forum Gives Opportunity For Preparation

Members of the Family Life Commission of the National Federation of Catholic College Students from Clarke, Loras and Mercy will sponsor the fifth annual Lenten Marriage Forums.

Father Thomas J. Carpender, a member of the archdiocesan Cans staff and faculty member of Wahlert high school, will lecture on "Personal Growth in Marriage" at the second Forum. This meeting will be held in the Clarke College auditorium on Sun., Feb. 26 at 8 p.m.

"Launching the Family Budget" will be the subject of the third Forum in the Loras Fieldhouse on Sun., March 5 at 8 p.m. Professor and Mrs. Francis J. Noonan and Professor and Mrs. Donald J. Schneider will discuss the economic worries of rearing children. The husbands are members of Loras' (Continued p. 4)

Health Insurance Argued In Debate

The highlight of the open meeting of the Social Science club on March 1 will be a debate between Clarke and Loras debaters. The topic is: Resolved: There Should be Compulsory Health Insurance for All Citizens.

Debating for Clarke are Peggy Voigt and Judy Heitzmann, affirmative; for Loras, John Graf and Gary Glenn, negative.

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Island Library Fund, Styles Provide Variety for Club

Chinese valentines initiated the NFCCS fund-raising project for the Catholic University library in Taiwan, Formosa. Throughout Feb., the NFCCS will sponsor activities to increase Clarke's contribution to the fund.

Richard Cardinal Cushing, Archbishop of Boston, appointed to organize the campaign, has asked the NFCCS to direct the money raising in each college.

Clarke's NFCCS organization has requested that each student contribute to the school's fund.

Original Fashions Dominate Show

Fashions will predominate in the March 5-10 art show of seniors Dorice Schiller, Joan Lingen and Kay Harle in Mary Josita hall concourse.

Included in their display will be dress designs, fashion illustrations and original dresses. Advertising layouts, life-drawing sketches, interior designs and a mosaic wall plaque will complete the exhibit.

A rose colored silk brocade dress is the favorite piece of Dorice Schiller. "Spring and Summer Fashions," a project coordinated by Joan Lingen, is her favorite and Kay Harle's original "fluid look" dress design captures her preference.

Clarkites will get a glimpse of the newest in fashions Friday evening, March 10, at the annual National Federation of Catholic College Students' style show in Terence Donaghoe hall.

The clothes, supplied by Roshek's Department store, will consist of spring and summer fashions.

Modeling will be students from Clarke and Loras. At Clarke, ten girls will be elected by each class, and from this group the models will be selected.

Three seniors, Kay Harle, Dorice Schiller, and Joan Lingen, are coordinating, producing and directing the show as their thesis for a Bachelor of Arts degree.

Freshman Speakers Probe Mathematics

"Modern Mathematics and Science Today," will be the topic of discussion for the Science Forum on Wednesday, March 8, at 7 p.m. in the activity room.

The topics, Modern Mathematics is Here, Mathematics of Computers, Noneuclidean Geometries, Linear Programming, and The Impact of Mathematics on other Disciplines will be considered by the panel.

Speakers are freshmen JoAnne Miller, Geraldine Kubiak, Nancy Haeg, Marian Primosch and Karen Gralewski.

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